

Date: Mon, 2 May 94 04:30:25 PDT  
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>  
Errors-To: Ham-Space-Errors@UCSD.Edu  
Reply-To: Ham-Space@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Space Digest V94 #111  
To: Ham-Space

Ham-Space Digest                      Mon, 2 May 94                      Volume 94 : Issue 111

Today's Topics:

ARLK017 Keplerian data

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Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sun, 1 May 1994 14:31:10 MDT  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!  
alberta!ve6mgs!usenet@network.ucsd.edu  
Subject: ARLK017 Keplerian data  
To: ham-space@ucsd.edu

SB KEP @ ARL \$ARLK017  
ARLK017 Keplerian data

ZCZC SK84  
QST de W1AW  
Keplerian Bulletin 17 ARLK017  
>From ARRL Headquarters  
Newington, CT April 30, 1994  
To all radio amateurs

SB KEP ARL ARLK017  
ARLK017 Keplerian data

Thanks to NASA, AMSAT and N3FKV for the following Keplerian data.

Decode 2-line elsets with the following key:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ  
 2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ  
 KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN  
 G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

STS-65

1 99965U 94189.76632148 0.00073311 21920-3 0 22  
 2 99965 28.4664 14.3253 0003598 331.2635 28.7780 15.90320458 27

AO-10

1 14129U 83058B 94114.79345608 -.000000048 10000-3 0 2755  
 2 14129 27.1659 330.6978 6021287 173.0169 202.1666 2.05879661 53711

RS-10/11

1 18129U 87054A 94112.22132617 0.000000050 37961-4 0 8911  
 2 18129 82.9282 10.2138 0010922 172.2691 187.8635 13.72335446342231

UO-11

1 14781U 84021B 94113.06431880 0.000000278 55048-4 0 6836  
 2 14781 97.7895 130.3678 0013036 84.7630 275.5059 14.69195303542215

RS-12/13

1 21089U 91007A 94112.31270038 0.000000064 52634-4 0 6819  
 2 21089 82.9206 52.8817 0027696 265.2661 94.5331 13.74039371160974

AO-13

1 19216U 88051B 94114.36934900 -.000000468 10000-4 0 9054  
 2 19216 57.8413 256.1944 7213809 339.7848 2.0604 2.09724652 13386

UO-14

1 20437U 90005B 94116.16170146 0.000000051 36689-4 0 9831  
 2 20437 98.5906 201.6413 0011286 349.0529 11.0406 14.29838925222157

AO-16

1 20439U 90005D 94115.23960657 0.000000069 43835-4 0 7832  
 2 20439 98.5995 201.9099 0011471 352.2333 7.8667 14.29892998222034

DO-17

1 20440U 90005E 94114.77929281 0.000000071 44507-4 0 7829  
 2 20440 98.5998 201.7595 0011671 352.9789 7.1226 14.30032337221984

WO-18

1 20441U 90005F 94116.15306089 0.000000039 31960-4 0 7844  
 2 20441 98.6000 203.1217 0012332 349.0264 11.0649 14.30007044222180

LO-19

1 20442U 90005G 94116.20468368 0.000000045 34184-4 0 7826  
 2 20442 98.6010 203.4180 0012608 348.5305 11.5588 14.30102401222203

FO-20

1 20480U 90013C 94115.89949664 -.000000029 -17513-5 0 6780  
 2 20480 99.0305 277.6217 0541342 97.9044 268.3828 12.83225244197429

AO-21

1 21087U 91006A 94113.22040654 0.000000093 82657-4 0 4566  
 2 21087 82.9431 183.3804 0033605 236.5859 123.2046 13.74538443162031

UO-22

1 21575U 91050B 94113.75195676 0.000000054 32738-4 0 4843  
 2 21575 98.4379 189.3404 0008632 89.7354 270.4820 14.36909021145262

KO-23

1	22077U	92052B	94114.82482848	-.000000037		10000-3	0	3795
2	22077	66.0866	31.7104	0012945	300.7194	59.2539	12.86285454	79928
K0-25								
1	22830U	93061H	94115.18825605	0.000000044		35104-4	0	2839
2	22830	98.5581	189.3658	0011523	337.3419	22.7254	14.28048513	30130
I0-26								
1	22826U	93061D	94112.22229648	0.000000033		31343-4	0	2795
2	22826	98.6575	188.6151	0009827	19.0306	341.1242	14.27722396	29705
A0-27								
1	22825U	93061C	94112.23722954	0.000000045		36103-4	0	2795
2	22825	98.6575	188.6003	0009396	17.0892	343.0602	14.27619258	29702
P0-28								
1	22829U	93061G	94115.75302146	0.000000058		41154-4	0	2736
2	22829	98.6532	192.1296	0010520	355.3289	4.7790	14.28020523	30211
Mir								
1	16609U	86017A	94115.38474228	0.00005080		70849-4	0	5802
2	16609	51.6453	90.7982	0014698	181.8777	178.2164	15.58767651467816	

Keplerian bulletins are transmitted twice weekly from W1AW.  
 The next scheduled transmission of these data will be Tuesday,  
 May 3, 1994, at 2230z on Baudot and AMTOR.

NNNN

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End of Ham-Space Digest V94 #111

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